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PATENT  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : NATHANIEL HEINTZ *ET AL.*  
SERIAL NO. : 09/619,364 EXAMINER : PETER PARAS, JR.  
FILED : JULY 19, 2000 ART UNIT : 1632  
FOR : METHODS OF PERFORMING HOMOLOGOUS  
RECOMBINATION BASED MODIFICATION OF NUCLEIC  
ACIDS IN RECOMBINATION DEFICIENT CELLS AND USE  
OF THE MODIFIED NUCLEIC ACID PRODUCTS THEREOF

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Betty Schultz  
(Name of Depositor)

Betty Schultz 1/30/02  
(Signature and Date)

STATEMENT IN SUPPORT OF THE FILING/SUBMISSION OF A  
NUCLEOTIDE/AMINO ACID SEQUENCE LISTING IN  
ACCORDANCE WITH 37 CFR §1.821 - 1.825

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

VALETA A. GREGG, attorney of record, hereby states as follows:

1. I hereby state that the content of the paper and computer readable copies of the Sequence Listing submitted in accordance with 37 CFR §1.821(c) and (e), respectively, are the same.
2. I hereby state that the submission, filed in accordance with 37 CFR §1.821(g) herein does not include new matter.

DATED: January 30, 2002

Valeta A. Gregg  
VALETA A. GREGG

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING  
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):



- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- ☒ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☒ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other: \_\_\_\_\_

**Applicant Must Provide:**

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

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